

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Alex Rabinovich, Mark Gurvich, and Jianquing He

Serial No: Not yet assigned

Filed: Herewith

For: SYSTEM AND METHOD OF CARRIER  
REINJECTION IN A FEEDFORWARD AMPLIFIER

22141 U.S.PTO  
10/723802



112503

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Date of Deposit: November 25, 2003

Mail Stop NEW PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that

- two copies of a letter of transmittal
- check in amount of \$\_\_\_\_ as filing fee
- patent application ( 51 page(s) of specification; 8 claim(s); 1 page(s) of abstract
- 20 sheet(s) of informal drawings
- executed Declaration and Power of Attorney
- assignment of the invention to \_\_\_\_
- certified copy of \_\_\_\_ patent application No. \_\_\_\_ which was filed \_\_\_\_ from which priority is claimed in the subject case pursuant to 35 U.S.C. § 119
- Preliminary Amendment
- Information Disclosure Statement with \_\_\_\_ references
- return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

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Commissioner for Patents

P.O. Box 1450

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Date: November 25, 2003

Hogan & Hartson, LLP

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Ellen Pritsker

Name of person mailing papers

Signature

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

CORRESPONDENCE ADDRESS:

 Customer Number

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Transmitted herewith for filing is the patent application identified above.

- 20 sheet(s) of drawings ( formal  informal) is(are) enclosed.
- 59 page(s) of specification and 1 page(s) of abstract of the invention are enclosed.
- An assignment of the invention to Powerwave Technologies, Inc.  is enclosed  will follow.
- An associate power of attorney  is enclosed  will follow.
- Applicant claims small entity status. See 37 CFR 1.27.
- Declaration and Power of Attorney  is enclosed  will follow.
- A certified copy of Patent Application No. filed from which priority is claimed under 35 U.S.C. § 119 is enclosed.
- IDS enclosed ( with reference(s)).
- Preliminary Amendment is enclosed.
- Application data sheet is enclosed. See 37 CFR 1.76.
- Return postcard is enclosed.

## CALCULATION OF FEES

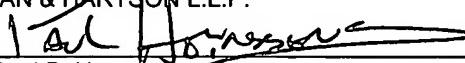
ITEM	TOTAL NO. OF CLAIMS		NO. OF CLAIMS OVER BASE	LG/SM \$ ENTITY FEE		\$ AMOUNT	\$ FEE
A TOTAL CLAIMS FEE	24	-20	4	LG=\$18 SM=\$9	\$18.00	\$ 72.00	
B INDEPENDENT CLAIMS FEE*	1	-3	0	LG=\$86 SM=\$43	\$0	\$ 0	
C SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B)						\$ 72.00	
D MULTIPLE-DEPENDENT CLAIMS FEE				LARGE ENTITY FEE = \$290 SMALL ENTITY FEE = \$145		\$ 0	
E BASIC FEE				LARGE ENTITY FEE = \$770 SMALL ENTITY FEE = \$385		\$ 770.00	
F TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E)						\$ 842.00	
G ASSIGNMENT RECORDING FEE						\$ 40	
*LIST INDEPENDENT CLAIMS 1, 24, 30							

- Please charge my Deposit Account No. 50-1314 the amount of \$ 842.00. A copy of this letter is enclosed.
- A check in the amount of \$ to cover the filing fee is enclosed.
- A check in the amount of \$ to cover Assignment Recordation fee is enclosed.
- The Commissioner is hereby authorized to charge any deficiency for the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. A copy of this sheet is enclosed.
- Any additional filing fees required under 37 C.F.R. 1.16
- Any patent application processing fees under 37 C.F.R. 1.17

Date: November 25, 2003

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Respectfully submitted,  
HOGAN & HARTSON L.L.P.

By: 

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Attorney for Applicant(s)